PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY (Column 1) OTHER THAN (Column 2) TOTAL CLAIMS TYPE [OR SMALL ENTITY RATE FOR . FEE RATE FEE NUMBER FILED NUMBER EXTRA BASIC FEE 385.00 TOTAL CHARGEABLE CLAIMS OR BASIC FEE 770.00 ~minus 20= X\$ 9= INDEPENDENT CLAIMS X\$18= OR minus 3 = MULTIPLE DEPENDENT CLAIM PRESENT X43= X86= OR * If the difference in column 1 is less than zero, enter "0" in column 2 +145= OR +290= TOTAL AIMS AS AMENDED - PART II TOTAL OR (Column 1) OTHER THAN (Column 2) (Column 3) SMALL ENTITY CLAIMS OR SMALL ENTITY HIGHEST REMAINING MENDMENT NUMBER ADDI-AFTER PRESENT ADDI-PREVIOUSLY AMENDMENT RATE TIONAL EXTRA RATE TIONAL PAID FOR Total FEE 6 Minus FEE Independent X\$ 9≈ X\$18= Minus OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43≈ X86= OR +145= +290= OR TOTAL OR ADDIT FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS ø HIGHEST REMAINING EX NUMBER AFTER PRESENT ADDI-PREVIOUSLY ADDI-AMENDMENT **EXTRA** RATE TIONAL PAID FOR RATE TIONAL Total FEE Minus FEE Ind pendent X\$ 9= Minus X\$18= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86= OR +145= +290= OR TOTAL TOTAL ADDIT, FEE OR (Column 1) ADDIT. FEE (Column 2) (Column 3) CLAIMS O REMAINING HIGHEST ENDMENT NUMBER PRESENT AFTER ADDI-PREVIOUSLY AMENDMENT ADDI-**EXTRA** RATE TIONAL PAID FOR RATE TIONAL Total FEE Minus ... FEE Independent X\$ 9= Minus X\$18= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86≂ OR If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." +145= +290= OR ***If the Highest Number Previously Pald For IN THIS SPACE is less than 3, enter "3." TOTAL The 'Highest Number Previously Paid For' (Total or Independent) is the highest number found in the appropriate box in column 1. TOTAL ADDIT FEE FORM PTO-475 (Rev. 10/03) Patent and Trademeth Office, U.S. DEPARTMENT OF COMMERCE

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD Effective November 10, 1998 **CLAIMS AS FILED - PART!** SMALL ENTITY OTHER THAN TYPE [**SMALL ENTITY** (Column 1) (Column 2) OR FOR NUMBER EXTRA NUMBER FILED RATE FEE RATE FEE 380.00 760.00 **BASIC FEE** OR TOTAL CLAIMS minus 20= X\$ 9= X\$18= OR 30 (L G INDEPENDENT CLAIMS minus 3 = X39= X78= OR MULTIPLE DEPENDENT CLAIM PRESENT +260= +130 =OR abd) * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL OTHER THAN **CLAIMS AS AMENDED - PART II SMALL ENTITY** SMALL ENTITY OR (Column 3) (Column 2) (Column 1) HIGHEST CLAIMS ADDI-ADDI-⋖ REMAINING NUMBER PRESENT RATE TIONAL **RATE** TIONAL AMENDMENT **PREVIOUSLY** AFTER **EXTRA** FEE FEE **AMENDMENT PAID FOR** Total X\$18= Minus X\$ 9= OR Independent Minus X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) HIGHEST CLAILS ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE RATE PREVIOUSLY **AFTER** EXTRA NOMEN AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 2) (Column 3) HIGHEST ADDI-ADDI-Ċ REMAINING NUMBER PRESENT MENT TIONAL RATE-TIONAL RATE **PREVIOUSLY AFTER EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus ₫ X\$18= X\$ 9= OR Minus Independent = X39= X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN Th. 3 SPACE is less than 20, enter "20." OR ADDIT. FEE ADDIT. FEE "If the "Highest Number Previously Paid For" IN T. .. S SPACE Is less than 3, enter "3." The "Highest Number Previously Paid For" (Tutal or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number